

# Ying Wah Teh

## List of Publications by Year in descending order

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71  
papers

4,712  
citations

218381

26  
h-index

223531

46  
g-index

74  
all docs

74  
docs citations

74  
times ranked

5114  
citing authors

#	ARTICLE	IF	CITATIONS
1	Convolutional neural network-based cross-corpus speech emotion recognition with data augmentation and features fusion. Machine Vision and Applications, 2022, 33, 1.	1.7	12
2	Mobile and wearable sensors for data-driven health monitoring system: State-of-the-art and future prospect. Expert Systems With Applications, 2022, 202, 117362.	4.4	28
3	Evolving Fuzzy Clustering Approach: An Epoch Clustering That Enables Heuristic Postpruning. IEEE Transactions on Fuzzy Systems, 2021, 29, 560-568.	6.5	12
4	Device-centric adaptive data stream management and offloading for analytics applications in future internet architectures. Future Generation Computer Systems, 2021, 114, 155-168.	4.9	3
5	Speaker identification through artificial intelligence techniques: A comprehensive review and research challenges. Expert Systems With Applications, 2021, 171, 114591.	4.4	59
6	Deep learning approaches for speech emotion recognition: state of the art and research challenges. Multimedia Tools and Applications, 2021, 80, 23745-23812.	2.6	30
7	Prediction analytics of myocardial infarction through model-driven deep deterministic learning. Neural Computing and Applications, 2020, 32, 15909-15928.	3.2	2
8	Smartphone Motion Sensor-Based Complex Human Activity Identification Using Deep Stacked Autoencoder Algorithm for Enhanced Smart Healthcare System. Sensors, 2020, 20, 6300.	2.1	20
9	Text-Independent Speaker Identification Through Feature Fusion and Deep Neural Network. IEEE Access, 2020, 8, 32187-32202.	2.6	54
10	A Novel Cost-Efficient Framework for Critical Heartbeat Task Scheduling Using the Internet of Medical Things in a Fog Cloud System. Sensors, 2020, 20, 441.	2.1	35
11	Enhanced Security Approach Powered by Blockchain Technology with NFC to Prevent Fraudulence in Bank Letter of Credits. , 2020, , .		1
12	Data fusion and multiple classifier systems for human activity detection and health monitoring: Review and open research directions. Information Fusion, 2019, 46, 147-170.	11.7	265
13	Reservoir Computing Based Echo State Networks for Ventricular Heart Beat Classification. Applied Sciences (Switzerland), 2019, 9, 702.	1.3	17
14	Multi-sensor fusion based on multiple classifier systems for human activity identification. Human-centric Computing and Information Sciences, 2019, 9, .	6.1	44
15	Deep learning algorithms for human activity recognition using mobile and wearable sensor networks: State of the art and research challenges. Expert Systems With Applications, 2018, 105, 233-261.	4.4	619
16	Deep Deterministic Learning for Pattern Recognition of Different Cardiac Diseases through the Internet of Medical Things. Journal of Medical Systems, 2018, 42, 252.	2.2	15
17	Analysis of Multi-Sensor Fusion for Mobile and Wearable Sensor Based Human Activity Recognition. , 2018, , .		15
18	Automatic Speaker Identification through Robust Time Domain Features and Hierarchical Classification Approach. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
19	Usage of Model Driven Environment for the Classification of ECG features: A Systematic Review. IEEE Access, 2018, 6, 23120-23136.	2.6	13
20	Automated Diagnosis of Coronary Artery Disease: A Review and Workflow. Cardiology Research and Practice, 2018, 2018, 1-9.	0.5	39
21	Execution Models for Mobile Data Analytics. IT Professional, 2017, 19, 24-30.	1.4	9
22	Towards next-generation heterogeneous mobile data stream mining applications: Opportunities, challenges, and future research directions. Journal of Network and Computer Applications, 2017, 79, 1-24.	5.8	39
23	Big Data Reduction Methods: A Survey. Data Science and Engineering, 2016, 1, 265-284.	4.6	130
24	Opportunistic Computation Offloading in Mobile Edge Cloud Computing Environments. , 2016, , .		25
25	Studying the Effect of Training Levenberg Marquardt Neural Network by Using Hybrid Meta-Heuristic Algorithms. Journal of Computational and Theoretical Nanoscience, 2016, 13, 450-460.	0.4	8
26	Big data reduction framework for value creation in sustainable enterprises. International Journal of Information Management, 2016, 36, 917-928.	10.5	198
27	MuDi-Stream: A multi density clustering algorithm for evolving data stream. Journal of Network and Computer Applications, 2016, 59, 370-385.	5.8	58
28	Iterative big data clustering algorithms: a review. Software - Practice and Experience, 2016, 46, 107-129.	2.5	45
29	RAIRS2 a new expert system for diagnosing tuberculosis with real-world tournament selection mechanism inside artificial immune recognition system. Medical and Biological Engineering and Computing, 2016, 54, 385-399.	1.6	11
30	A Comparison Study on Similarity and Dissimilarity Measures in Clustering Continuous Data. PLoS ONE, 2015, 10, e0144059.	1.1	257
31	Diagnosing Tuberculosis With a Novel Support Vector Machine-Based Artificial Immune Recognition System. Iranian Red Crescent Medical Journal, 2015, 17, e24557.	0.5	29
32	Mining Personal Data Using Smartphones and Wearable Devices: A Survey. Sensors, 2015, 15, 4430-4469.	2.1	71
33	Time-series clustering " A decade review. Information Systems, 2015, 53, 16-38.	2.4	1,148
34	Text mining of news-headlines for FOREX market prediction: A Multi-layer Dimension Reduction Algorithm with semantics and sentiment. Expert Systems With Applications, 2015, 42, 306-324.	4.4	196
35	A Hybrid Algorithm for Clustering of Time Series Data Based on Affinity Search Technique. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	33
36	A Fast Density-Based Clustering Algorithm for Real-Time Internet of Things Stream. Scientific World Journal, The, 2014, 2014, 1-11.	0.8	28

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37	A Review of Subsequence Time Series Clustering. Scientific World Journal, The, 2014, 2014, 1-19.	0.8	57
38	Frequent pattern mining in mobile devices: A feasibility study. , 2014, , .		8
39	Clustering of large time series datasets. Intelligent Data Analysis, 2014, 18, 793-817.	0.4	20
40	Big Data Clustering: A Review. Lecture Notes in Computer Science, 2014, , 707-720.	1.0	125
41	UniMiner: Towards a unified framework for data mining. , 2014, , .		6
42	On Density-Based Data Streams Clustering Algorithms: A Survey. Journal of Computer Science and Technology, 2014, 29, 116-141.	0.9	160
43	D-FICCA: A density-based fuzzy imperialist competitive clustering algorithm for intrusion detection in wireless sensor networks. Measurement: Journal of the International Measurement Confederation, 2014, 55, 212-226.	2.5	94
44	Stock market co-movement assessment using a three-phase clustering method. Expert Systems With Applications, 2014, 41, 1301-1314.	4.4	84
45	Text mining for market prediction: A systematic review. Expert Systems With Applications, 2014, 41, 7653-7670.	4.4	417
46	An Approachable Analytical Study on Big Educational Data Mining. Lecture Notes in Computer Science, 2014, , 721-737.	1.0	12
47	Synthetic Hardware Performance Analysis in Virtualized Cloud Environment for Healthcare Organization. Journal of Medical Systems, 2013, 37, 9950.	2.2	6
48	A Multi Density-Based Clustering Algorithm for Data Stream with Noise. , 2013, , .		7
49	Secure Hardware Performance Analysis in Virtualized Cloud Environment. Mathematical Problems in Engineering, 2013, 2013, 1-9.	0.6	0
50	Earthquake Prediction Based on the Pattern of Points Seismic Motion. , 2012, , .		1
51	A study of density-grid based clustering algorithms on data streams. , 2011, , .		70
52	Anomaly detection and prediction of sensors faults in a refinery using data mining techniques and fuzzy logic. Scientific Research and Essays, 2011, 6, .	0.1	1
53	Applications of support vector machines in oil refineries: A survey. African Journal of Business Management, 2011, 6, .	0.4	0
54	A comparative study of data mining techniques in predicting consumers credit card risk in banks. African Journal of Business Management, 2011, 5, 8307-8312.	0.4	5

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55	A novel FOREX prediction methodology based on fundamental data. African Journal of Business Management, 2011, 5, 8322-8330.	0.4	12
56	Evaluating a Data Warehouse for Lymphoma Diagnosis and Treatment Decision Support System. , 2010, , .		3
57	Applied Data Mining Approach in Ubiquitous World of Air Transportation. , 2009, , .		1
58	Recommender systems. , 2009, , .		6
59	Dynamic Modeling by Usage Data for Personalization Systems. , 2009, , .		8
60	A Transparent Classification Model Using a Hybrid Soft Computing Method. , 2009, , .		1
61	Using Incremental Fuzzy Clustering to Web Usage Mining. , 2009, , .		10
62	Credit risk evaluation decision modeling through optimized fuzzy classifier. , 2008, , .		5
63	Intelligent credit scoring model using soft computing approach. , 2008, , .		7
64	Intelligent credit risk evaluation system using evolutionary-neuro-fuzzy scheme. , 2007, , .		0
65	Data Mining Techniques in Materialised Project and Selection View. Lecture Notes in Computer Science, 2004, , 34-37.	1.0	0
66	Data Mining Techniques in Index Techniques. , 2003, , 331-339.		0
67	Adaptive query processing in e-commerce environment. , 0, , .		0
68	Data mining using classification techniques in query processing strategies. , 0, , .		3
69	Query processing in e-commerce environment using predictive partitioned relations. , 0, , .		0
70	Data mining techniques in single-column indexes. , 0, , .		0
71	On Density-Based Clustering Algorithms over Evolving Data Streams: A Summarization Paradigm. Applied Mechanics and Materials, 0, 263-266, 2234-2237.	0.2	1